



Task Order 116 – eZ-Audit

Application Test Results Test Checkpoint #2

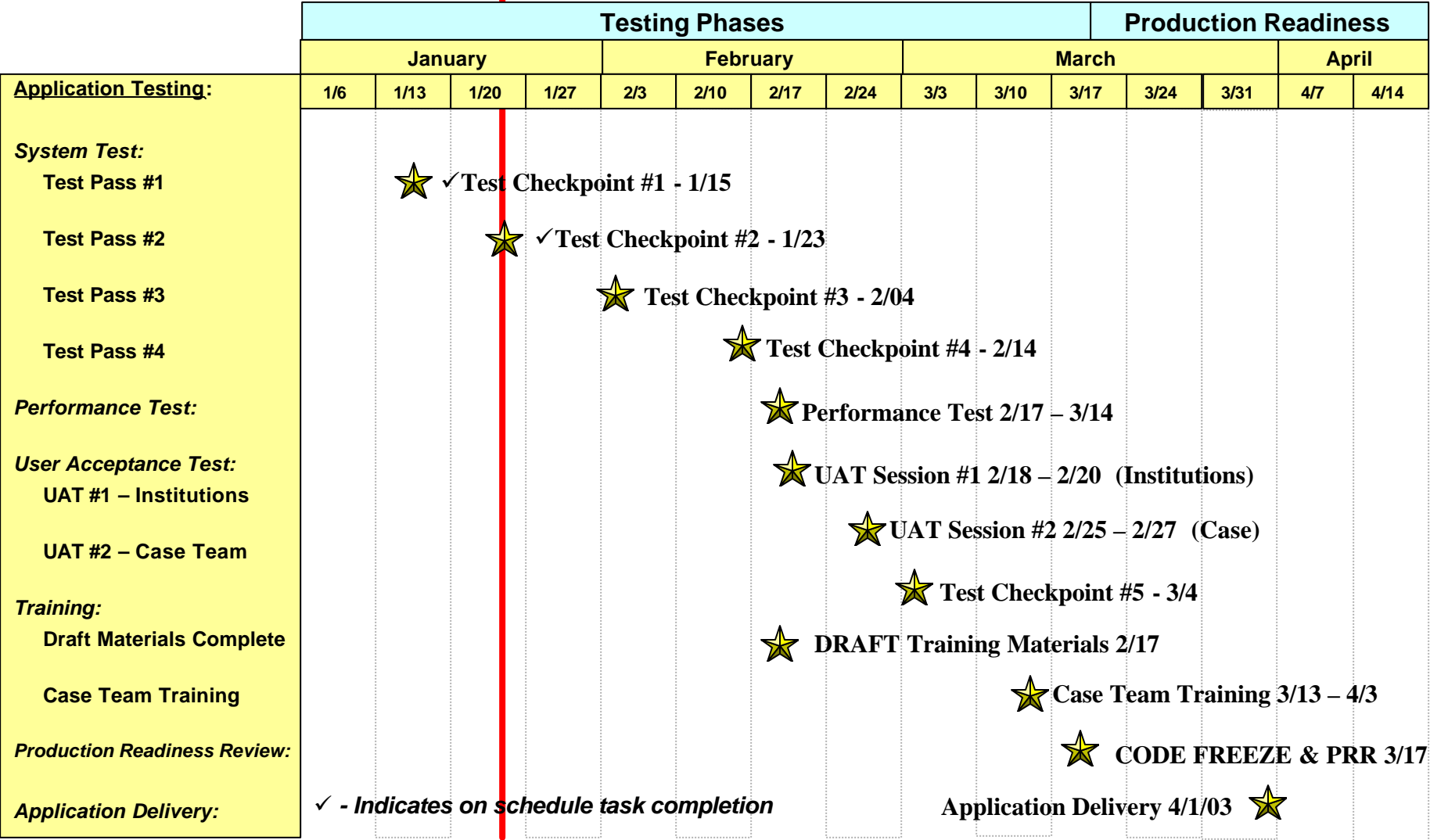
January 23, 2003

Agenda



- 2003 eZ-Audit Timeline
- System Test Execution Status – Test Pass #2
 - Total SIRs Logged – Current State
 - Total Unresolved SIRs
 - Total Closed SIRs
 - SIRs – Cumulative Total
- Test Pass #3 Expectations & Goals
- Upcoming Events & Key Milestone Dates

2003 eZ-Audit Timeline & Key Milestones



Performance Test Parameters



- **Number of Concurrent Users**
 - Number of Institution Users
 - Number of CASE Users
- **Functionalities that are frequently used**
 - Annual submission
 - Searches
 - Create users
 - Login / logout
 - Institution home
 - Co-team home
 - DDIF / ACD
- **Code that potentially requires heavy system resources**
 - Calculations
 - DB Lookups/ Updates
 - File Uploads
 - Reports



Test Pass #2 Status (as of January 22, 2003)

- 96 total SIRs logged for Test Pass #2

SIR Severity:	SIR Totals:
Level 1 – High	21
Level 2 – Medium	43
Level 3 – Low	15
Level 4 - Enhancement	17
Total SIRs Logged:	96

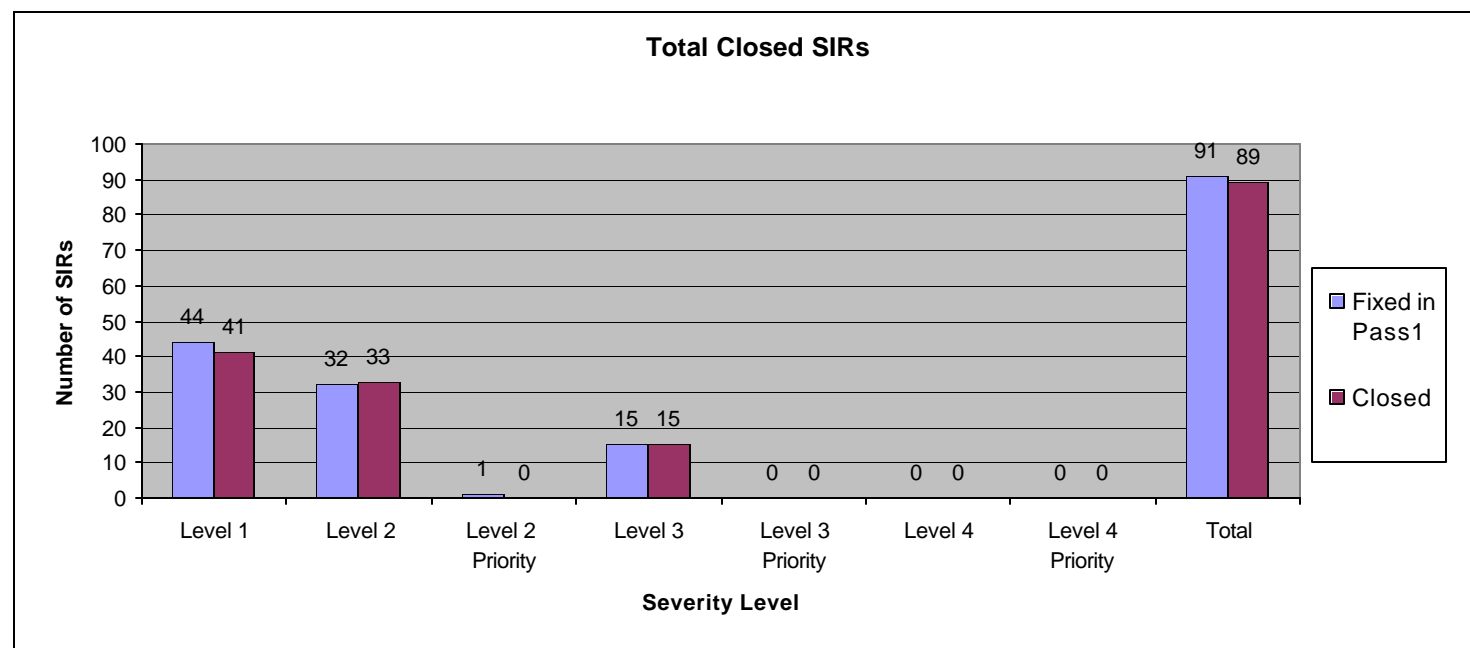
- 142 Total SIRs resolved for TP1 & 2
 - All Level 1 SIRs resolved (61)
 - Total Level 2 SIRs resolved (60)
 - Total Level 3 SIRs resolved (21)
- Test Pass #2 was completed in 5 days; 1 day earlier than planned and 2 days ahead of original schedule.
- 99% of all test script steps were tested in Test Pass #2 – up from 78% in Test Pass #1.



Total Closed SIRs (Test Pass 1 and 2)

	Fixed in Pass1	Closed
Level 1	44	41
Level 2	32	33
Level 2 Priority	1	0
Level 3	15	15
Level 3 Priority	0	0
Level 4	0	0
Level 4 Priority	0	0
Total	91	89

- Only two SIRs that were fixed in test pass 1 were re-assigned to the developers.
- The majority of the SIR fixes (97.8%) is confirmed.
- Some SIRs priorities were changed before they reached the Closed state.



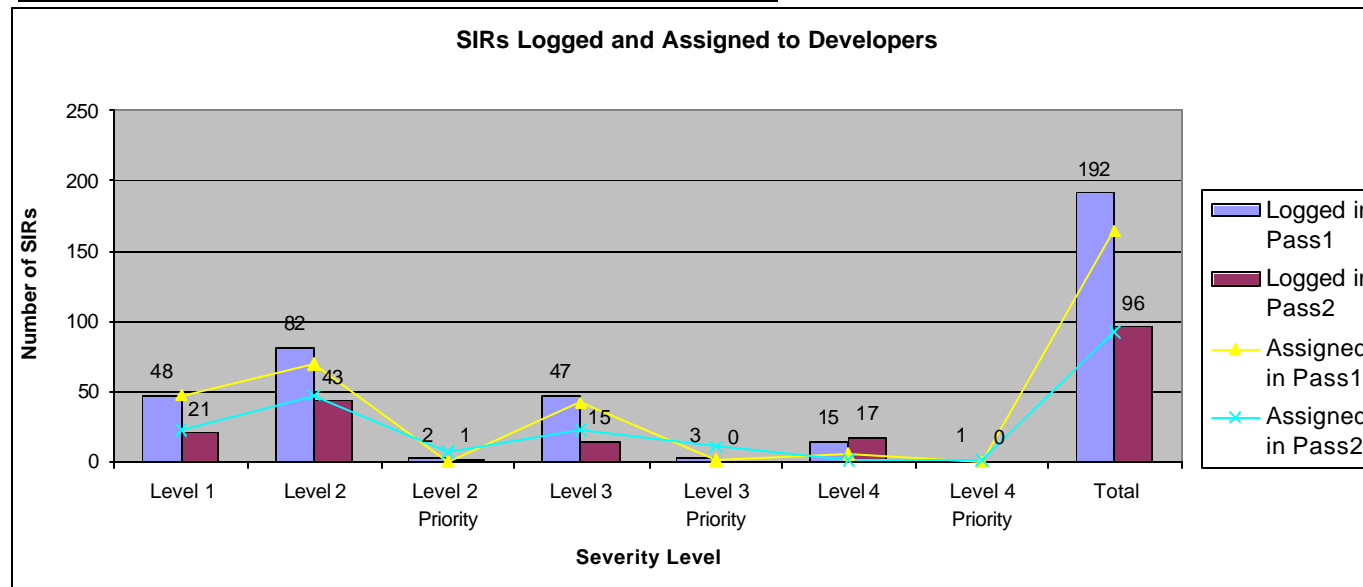


Total SIRs Logged (Test Pass 1 and 2)

This table and chart show the total number of SIRs that are logged and assigned to the developers

	Logged		Assigned to Developers	
	Logged in Pass1	Logged in Pass2	Assigned in Pass1	Assigned in Pass2
Level 1	48	21	48	22
Level 2	82	43	70	47
Level 2 Priority	2	1	0	6
Level 3	47	15	42	22
Level 3 Priority	3	0	1	11
Level 4	15	17	5	1
Level 4 Priority	1	0	0	1
Total	192	96	165	92

- We have made significant product quality improvement in our Test Pass 2. This is evident by the significant reduction in the number of SIRs logged in Pass 2.
- Most of the logged SIRs are assigned to the developers. Some SIRs however, could be marked as rejected, postponed, duplicate or assigned for CCB Review.

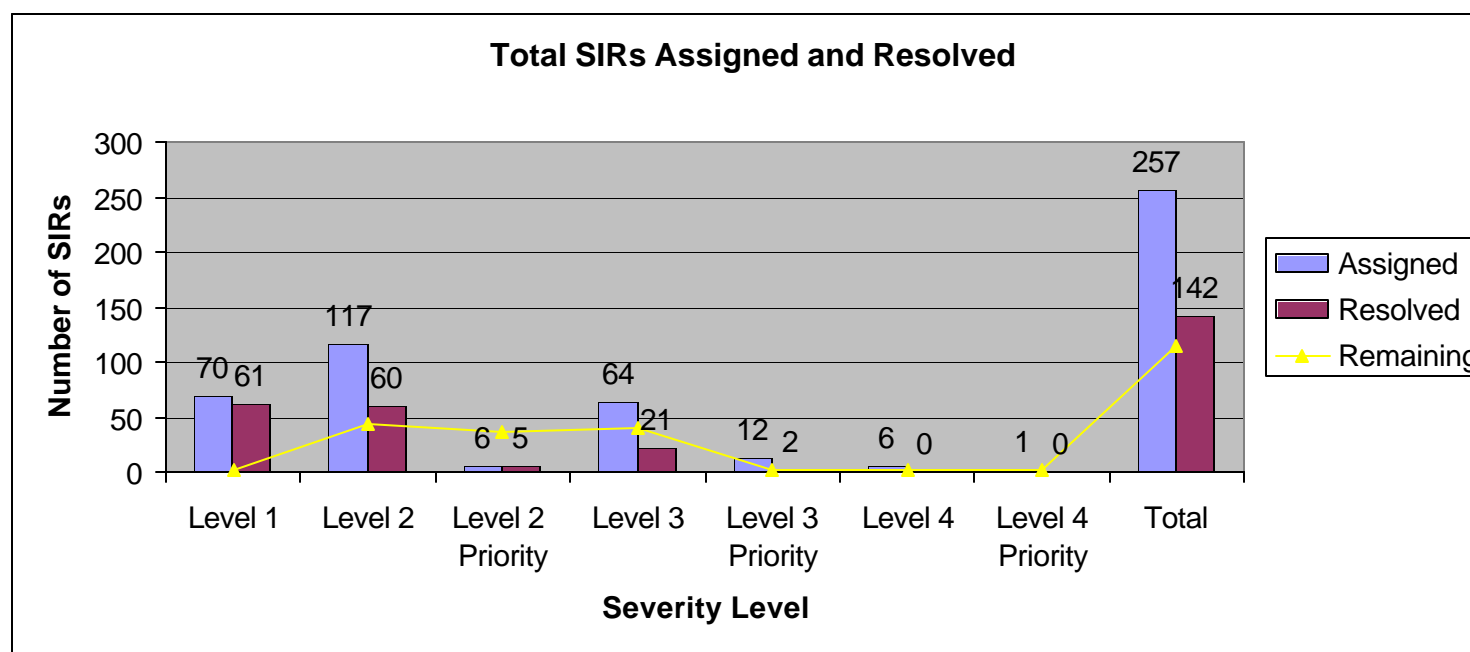




Total Unresolved SIRs (Test Pass 1 and 2)

	Assigned	Resolved	Remaining	Rej/ Dup/ Sev/ Prio
Level 1	70	61	2	7
Level 2	117	60	43	14
Level 2 Priority	6	5	36	0
Level 3	64	21	40	3
Level 3 Priority	12	2	1	9
Level 4	6	0	2	4
Level 4 Priority	1	0	2	0
Total	257	142	115	37

- The focus for Test Passes 1 and 2 has been to close all level 1 SIRs
- We have closed all the level 1 SIRs
- The focus for Test Pass 3 will be to close all level 1 SIRs and aim to close level 2 SIRs that are marked as priorities



System Test Pass #3 – Expectations & Goals



- Meet Exit Criteria for Test Pass #3
 - All Level 1 SIRs will be fixed prior to start of Test Pass #4
- Complete all test scripts for Test Pass #3
 - Decisions will be made to migrate code fixes in order to proceed
- Fix and Test all Level 2 SIRs that are assigned a “Priority” status
- Test and Validate Reports
 - Validate System Test data based on test execution
- Complete Test Pass #3 by COB Wednesday, January 29th



Upcoming Events & Key Milestone Dates

Activities	Dates
System Test (4 Runs)	
✓Test Pass 1	January 2 – January 10
✓Checkpoint #1	January 15
✓Test Pass 2	January 14 – January 20
✓Checkpoint #2	January 23
Test Pass 3	January 23 – January 29
Checkpoint #3	February 4
Test Pass #4	February 3 – February 6
Checkpoint #4	February 14
SIR Fixes from System Test	January 2 – February 7
Pre-UAT Regression Test	February 11 – February 14
User Acceptance Test (UAT) – 2 Sessions	
Institution Users	February 18 – February 20
Case Team Members	February 25 – February 27
Performance Test	
Performance Test and Tech Arch Tuning	February 17 – March 14



Upcoming Events & Key Milestone Dates

Activities	Dates
Final Code Fixes & Testing	
Post-UAT Regression Test	March 3 – March 14
Production Readiness Review (PRR)	
PRR Dry Run #1	March 3
PRR Dry Run #2	March 10
Production Readiness Review	March 17
Case Team Training	
Training materials – Drafts completed	February 17
Case Team Dry Run	March 4
Schools' User Guide posted to IFAP	April 1
Deployment Activities	
CODE FREEZE	March 17
Production Data Load	March 17 – March 31
Stabilization Support – 60 Days	April 1 – May 30



Appendix

Test Checkpoints



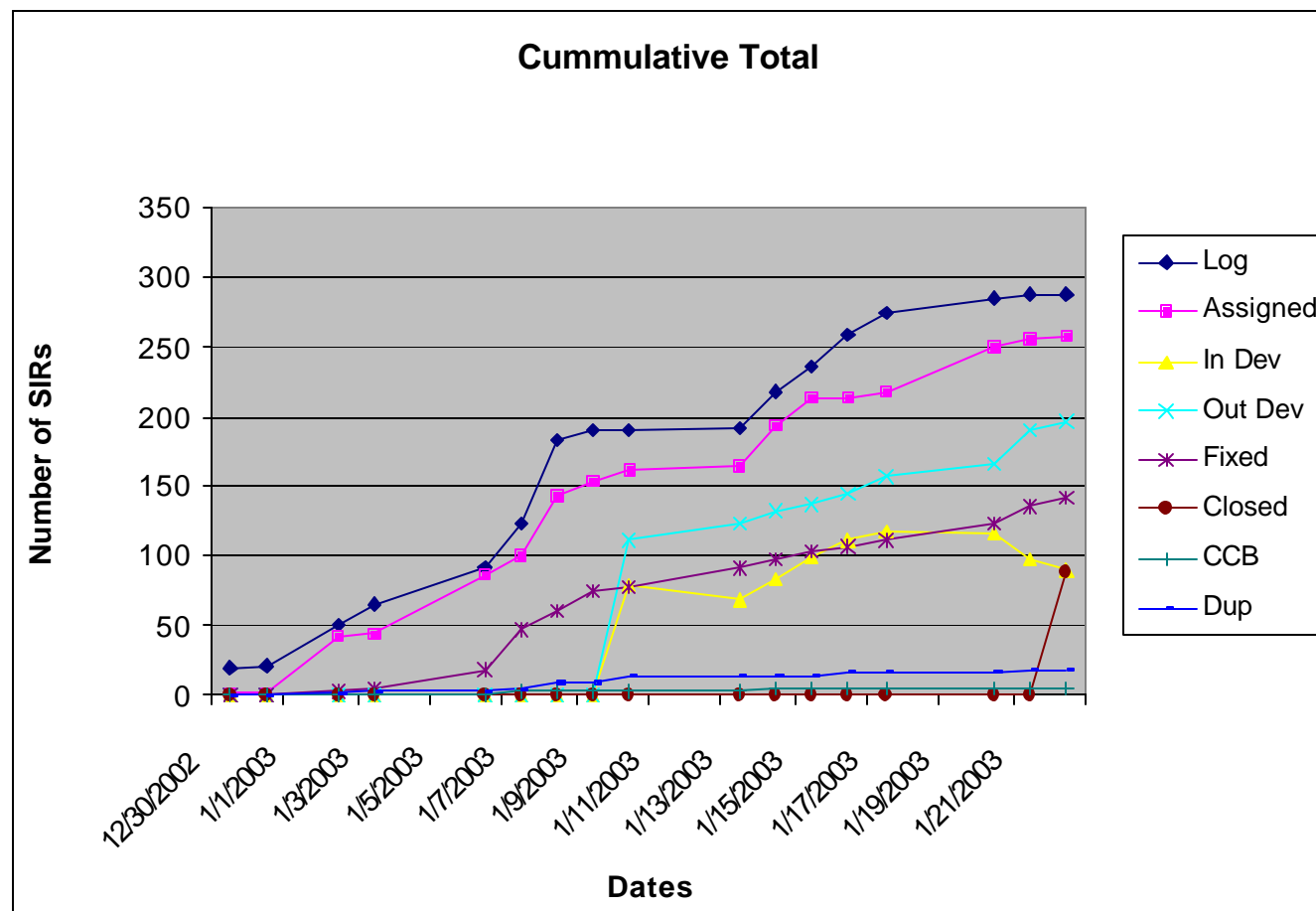
Charts Overview

Abbr.	Legend	Owner	Description
Log	Logged	Tester	SIRs found during testing.
Assigned	Assigned to Developers	Dev Lead	SIRs assigned to developers.
In Dev	In Development	Dev	The combination of SIRs assigned to the dev lead, developers and unassigned.
Out Dev	Out of Development	Dev	SIRs that are not the responsibility of the developers anymore, such as: resolved, closed, CCB Review, Duplicate, Reject.
Fixed	Resolved (Ready for Retest)	Dev	SIRs that have been fixed by the developers and ready to be retested by the testers
Closed	Closed	Test Lead	SIRs that are ready to be migrated to the system test environment for retest.
CCB	CCB Review	Test Lead	SIRs that require FSA decision to be resolved.
Dup	Duplicate	Test/Dev Lead	Same SIRs that have been logged in the system.



All SIRs Daily Cumulative (Test Pass 1 and 2)

This chart shows the total number of SIRs that arrives to a particular state in the resolution process on any given date.



Test Checkpoint Objectives



- What is a Test Checkpoint ...
 - Definition of testing terminology – the System Investigation Request (SIR)
 - eZ-Audit Processing of a SIR
 - SIR severity levels
 - A status check of System Test progress
 - Passes Completed
 - Outcomes – Completed 73% of all test scripts
 - A report of the results for System Test execution
 - Number of SIRs logged (by Severity)
 - Number of SIRs resolved (by Severity)
 - Status of all Open SIRs (by Priority)

SIR Severity Definition



- Level 1 (High) – System Failure or Showstopper
- Level 2 (Medium) – Incorrect/incomplete result, but possible workaround exists
- Level 3 (Low) – Any inconsistency or Nice-to-have change with no impact to system functionality
- Level 4 (Enhancement) – New Requirement

SIR Resolution Process

TEST TEAM

1. Tester logs SIR and assigns severity level.



2. Test Lead verifies SIR and severity level. Assigns it to the Dev (Fix-it) Team Lead.



3a. If can't reach agreement on severity level, discuss it with PM and Implementation Team Lead during daily Triage meetings.

8. Test Lead confirms resolution and closes SIR.

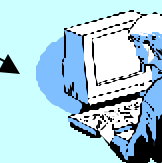
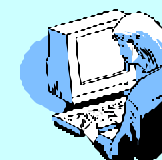
7. Tester retests SIR on the System Test Environment.

DEV (FIX-IT) TEAM

3. Dev (Fix-it) Team Lead agrees on SIR and severity level. Assigns it to a developer.



4. Developer fixes SIR, tests it on the dev and Assembly Test (AT) environments.



6. Developer migrates code to the System Test Environment.

5. Dev (Fix-it) team confirms SIR fixes with the original tester and changes status.